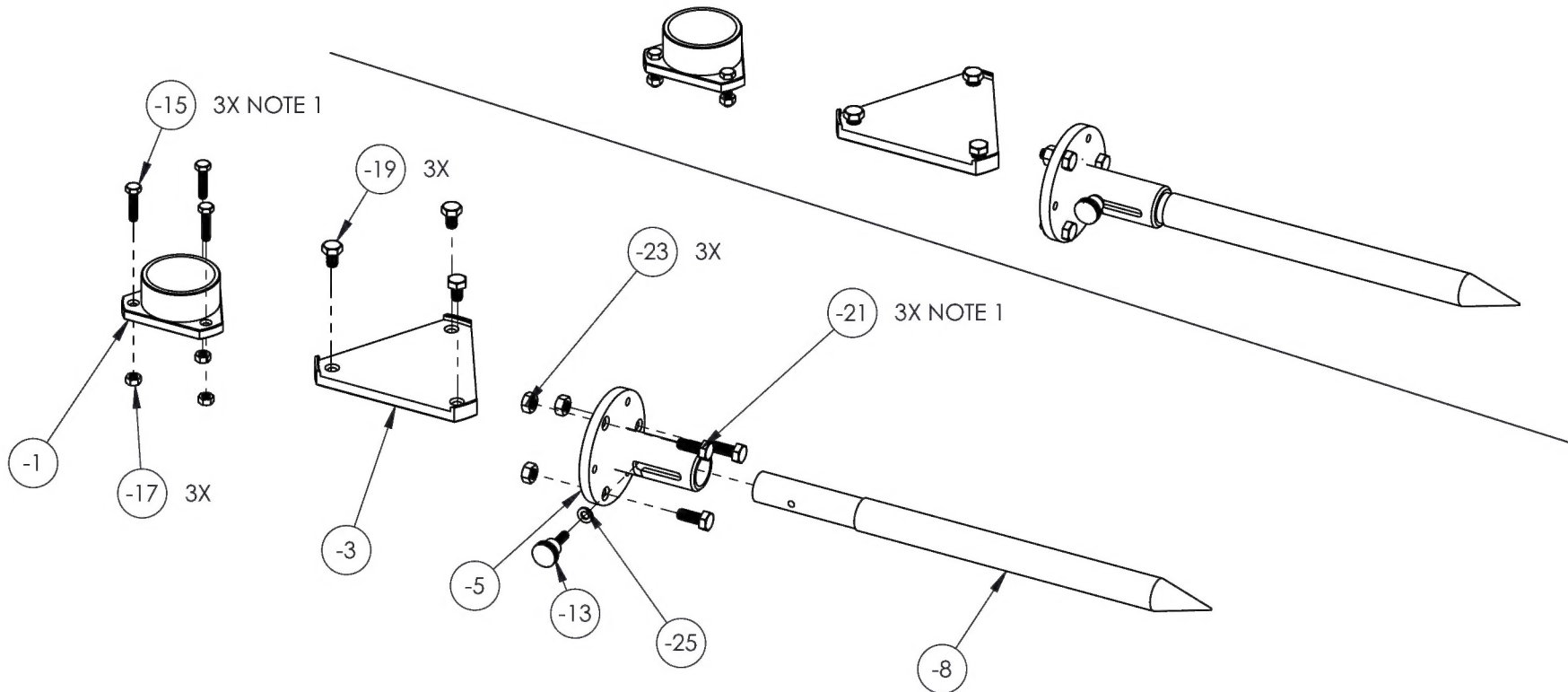



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED ASSEMBLY -7 TO BOM. CH'D -3 CHAMFER FROM 3X .04 X 30° TO 3X .03 X 45°. ADDED -5 ENGRAVE NOTE. CH'D -9 FINISH CALL OUT TO SEE -7 ASSEMBLY. CH'D -11 FINISH CALL OUT TO SEE -7 ASSEMBLY.	11/14/2012	RJC	SE
2	ADDED C-SINKS TO HOLES ON -1, -3, & -5	11/27/2012	JAG	
3	DESIGN CHANGE; COMBINED TWO PARTS, DELETED -7,-9,-11, ADDED -8.	4/3/2013	BIM	DW



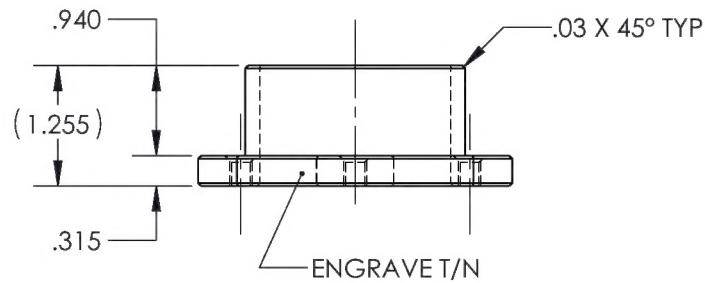
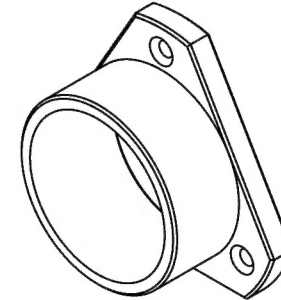
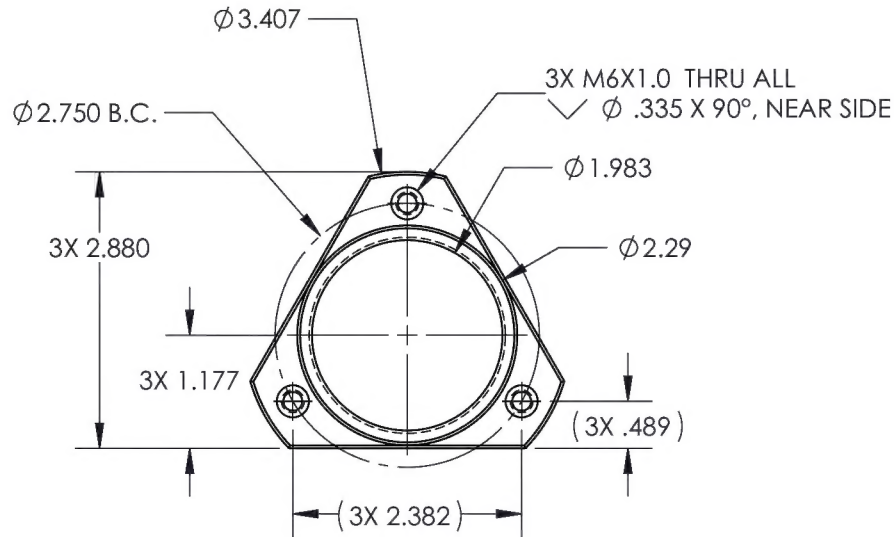
NOTE:
1. USE PERMENET THREAD LOCKER.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RING BASE	6061	Ø3-1/2 X 1-3/8	2
			-3	1	BASE	6061	9/16 X 5-1/2 X 4-3/4	3
			-5	1	TUBE BASE	6061	Ø3-5/8 X 3-1/4	4
			-8	1	POINTER	6061	Ø1 X 15	5
		B/O	-13	1	KNOB	S.S.	M6 X 1 MCMaster-CARR #63165K92	1
		B/O	-15	3	SCREW	STEEL	M6 x 1 X 25 MCMaster-CARR #91280A334	1
		B/O	-17	3	NUT	STEEL	M6 x 1 MCMaster-CARR #90591A151	1
		B/O	-19	3	SCREW	STEEL	M8 x 1.25 X 12 MCMaster-CARR #91280A524	1
		B/O	-21	3	SCREW	STEEL	M8 x 1.25 X 20 MCMaster-CARR #91280A530	1
		B/O	-23	3	NUT	STEEL	M8 x 1.25 MCMaster-CARR #90591A161	1
		B/O	-25	1	WASHER	S.S.	M6 MCMaster-CARR #93475A250	1

 RED BARN MACHINE	
ENGINE ALIGNMENT	
DWG NO.	REV
RBEL134M-7201-101	3
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC135
SCALE 1:5	DATE 2/7/2012
SHEET 1 OF 5	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	ADDEDE C-SINKS	11/27/2012	JAG	



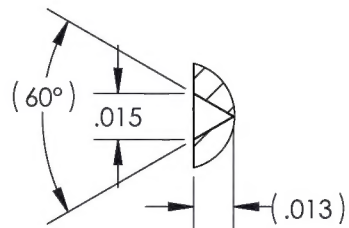
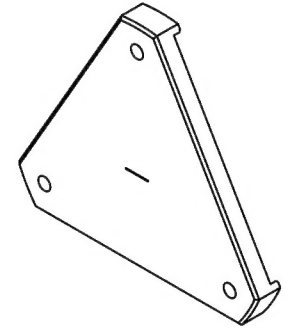
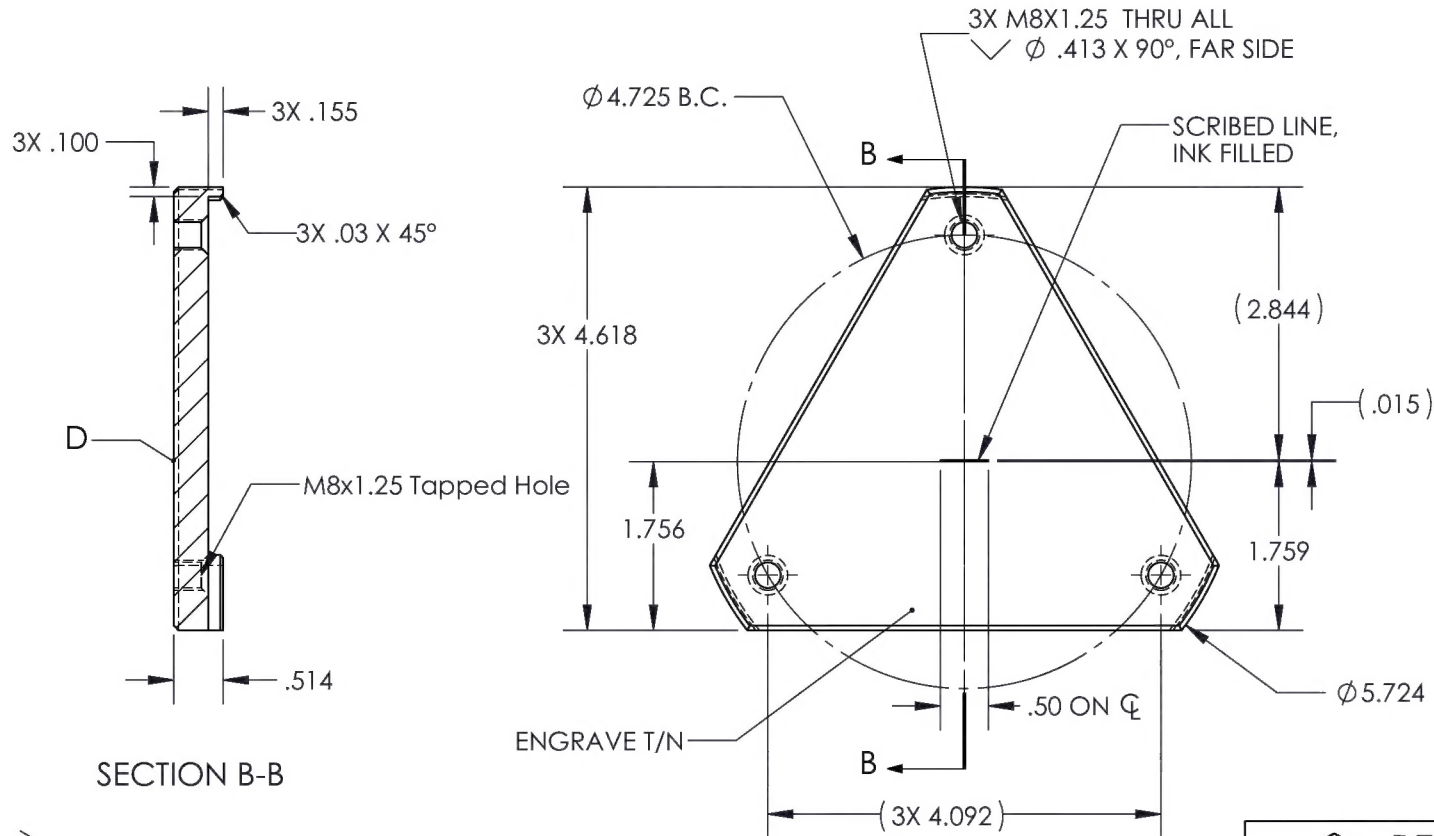
(-1)

RING BASE

 RED BARN MACHINE	
TITLE ENGINE ALIGNMENT	
DWG NO. RBEL134M-7201-101-1	REV ?
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH
.X ± .1	CLEAR ANODIZE
FRACTIONS ± 1/32	SPEC MIL-A-8625F, TYPE II, CLASS I
ANGLES ± 5°	USED ON MODEL
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	EC135
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 2/7/2012
SHEET 2 OF 5	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -3 CHAMFER FROM 3X .04 X 30° TO 3X .03 X 45°.	11/14/2012	RJC	GE
2	ADDED C-CINKS	11/27/2012	JAG	



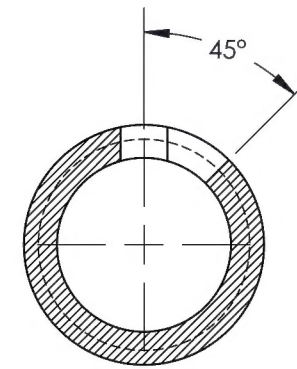
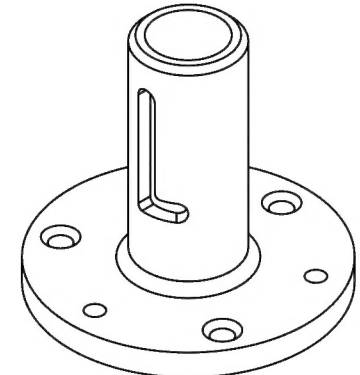
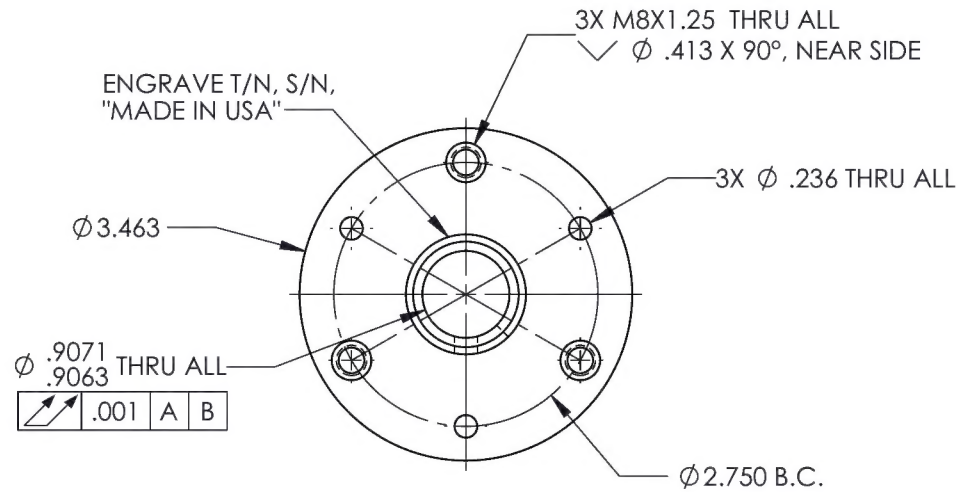
DETAIL D
SCALE 16:1

③
BASE

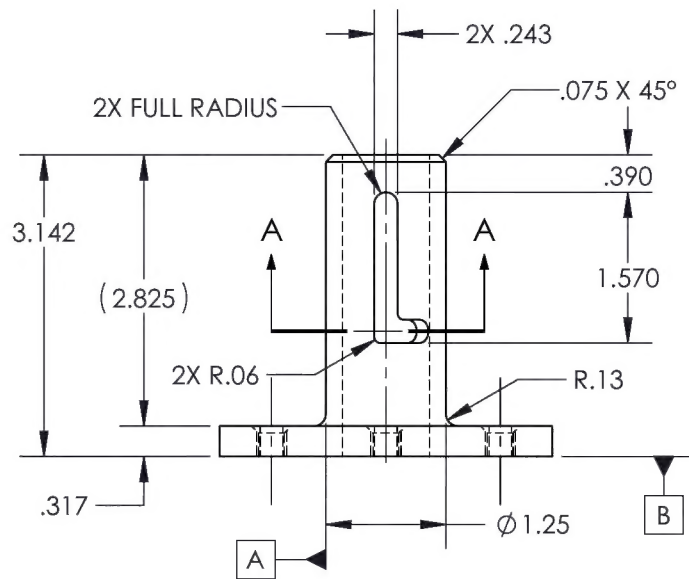
RED BARN MACHINE	
ENGINE ALIGNMENT	
DWG NO.	RBEL134M-7201-101-3
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC 135
SCALE 1:2	DATE 2/7/2012
SHEET 3 OF 5	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED -5 ENGRAVE NOTE.	11/14/2012	RJC	SE
2	ADDED C-SINKS	11/27/2012	JAG	



SECTION A-A
SCALE 1 : 1

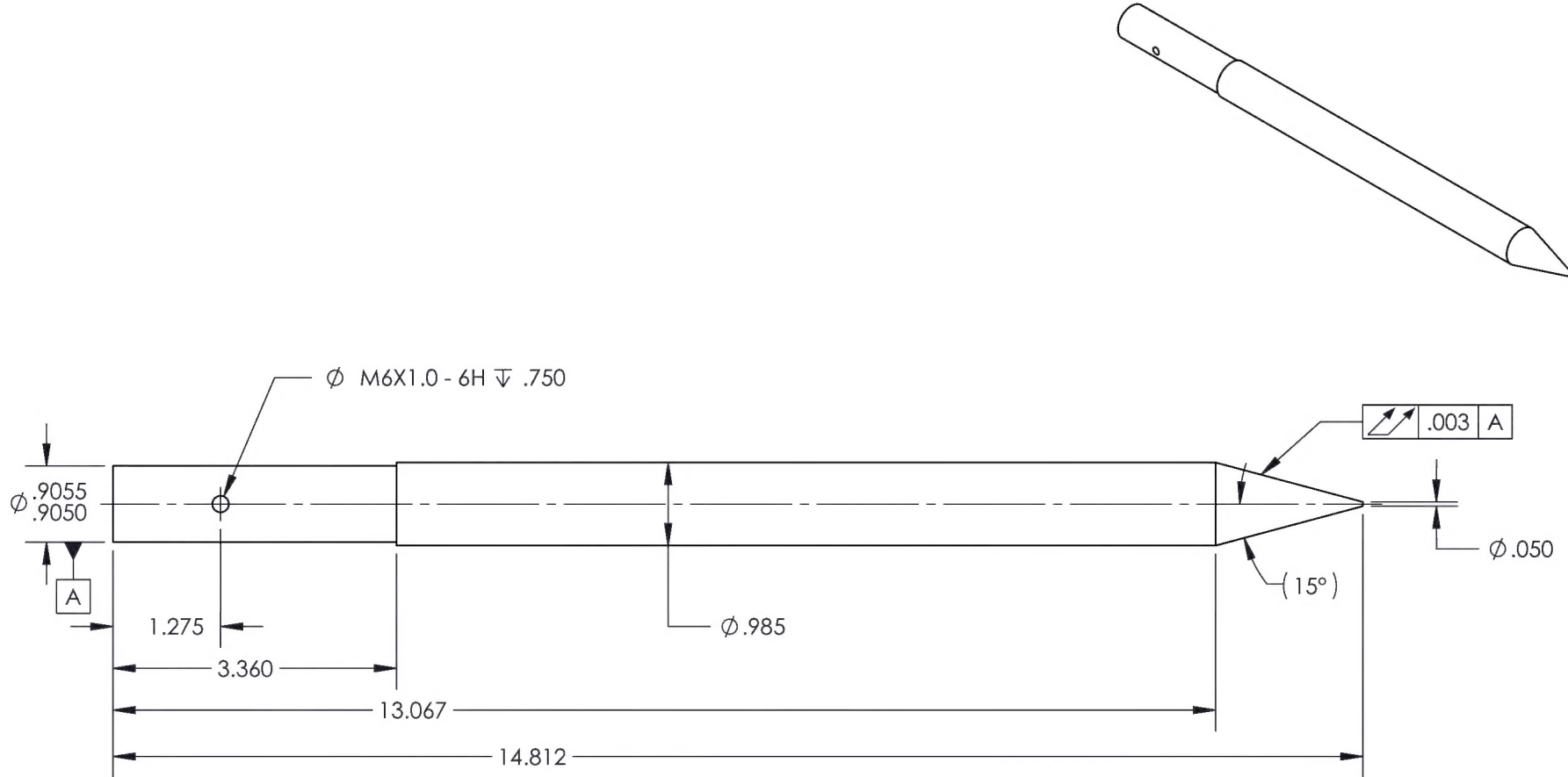


(-5)
TUBE BASE

RED BARN MACHINE	
ENGINE ALIGNMENT	
DWG NO.	RBEL134M-7201-101-5
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH CLEAR ANODIZE
.X $\pm .1$	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC135
SCALE 1:2	DATE 2/7/2012
SHEET 4 OF 5	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
3	DESIGN CHANGE; COMBINED TWO PARTS, DELETED -7,-9,-11, ADDED -8.	4/3/2013	BIM	DW



(-8)

POINTER

 RED BARN MACHINE	
TITLE ENGINE ALIGNMENT	
DWG NO. RBEL134M-7201-101-8	REV 3
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL EC135
SCALE 1:2	DATE 2/28/2012
SHEET 5 OF 5	